## <u>Relationships Among Organic Gas Terms</u> <u>Used in the Emission Inventory</u>

MOTOR VE	EHICL	ES:		
1. NMHC (non-methathydrocarbo		methane	= <b>HC</b> (hydrocarbons)	[or <b>THC</b> total hydrocarbons]
like ald	ehydes)	due to GC-FID mea	hydrocarbons (not oxygena surement technique the oxygenated compound	-
2. NMHC		>	NMOG	
(non-meth hydrocart		•	(non-methane organic pds	gas)
3. NMOG (non-methata) organic ga		methane	= ~ <b>TOG</b> approximately	Total Organic Gas
OVERALL :	INVEN	NTORY:		
4. <b>TOG</b>	X	FROG	=	ROG
	(.	Fraction of Reacti	ve Organic Gas)	(Reactive Organic Gas)
5. <b>TOG</b>	X	FR_VO	<b>C</b> =	VOC
AVOC@i			ile Organic Cmpds) parate federal list of exemp	(Volatile Organic Cmpds) oted cmpds

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=

ROG

Exempt cmpds

[ ARB list of methane, ethane, CFCs, etc.]

6. **TOG**